

L-SERIES CONSTANT CURRENT LED DRIVERS



The Hatch lineup of L-Series Constant Current LED Drivers is extensive, covering a wide range of output currents, output power, case sizes, dimming options and input voltages. All drivers are either UL recognized or UL Listed Class P and in most cases are Class 2 outputs. For more environmentally-challenging applications, many are available in outdoor-rated IP66 or IP67 packaging. Hatch has over 200 models to choose from in stock for fast delivery.

L-SERIES CONSTANT CURRENT LED DRIVERS

Case Style	Power	Dimming Type	Input Voltage
A	10W, 14W	0-10V, Phase	120, 120 - 277 VAC
AA	20W	0-10V	120 - 277 VAC
B	12W	0-10V	120, 120 - 277 VAC
BB	150W	0-10V	120 - 277 VAC
C	10W, 12W, 14W	0-10V, Phase	120, 120 - 277 VAC
D	16W	0-10V, Phase	120, 120 - 277 VAC
F	50W, 60W	0-10V	120 - 277, 347 VAC
FF	30W	0-10V	120 - 277 VAC
G	40W	0-10V	120, 120 - 277 VAC
I	100W	0-10V	120 - 277 VAC

Case Style	Power	Dimming Type	Input Voltage
L	150W	0-10V	120-277VAC
M	36W	0-10V, Phase	120 VAC
NN	200W	0-10V	120 - 277 VAC
O	16W, 25W	0-10V, Phase	120, 120 - 277 VAC
R	100W	0-10V, Phase	120 - 277 VAC
S	14W, 22W	0-10V	120 - 277 VAC
T	50W, 60W	0-10V, Phase	120 - 277 VAC
W	40W	0-10V, Phase	120, 120 - 277 VAC
4W	4W	Nondimming	120 - 277 VAC
RL	8.4W	Nondimming	120 - 277 VAC

TYPICAL PRODUCT FEATURES *

- Short circuit and overload protection
- Withstanding voltage: I/P – O/P 4.0kVDC, 2mA
- Operating temperature range: -40°C to 90°C (measured at Tcase)
- MTBF: 374,000 hours @ 40°C ambient (~70°C case temp)
- Surge voltage rating: L-N 2kV,
- Output Current tolerance +/- 5% @ 25°C
- 0-10V dimming range: 10%-100%
- Power Factor > 0.9
- THD < 20%

APPROVALS *

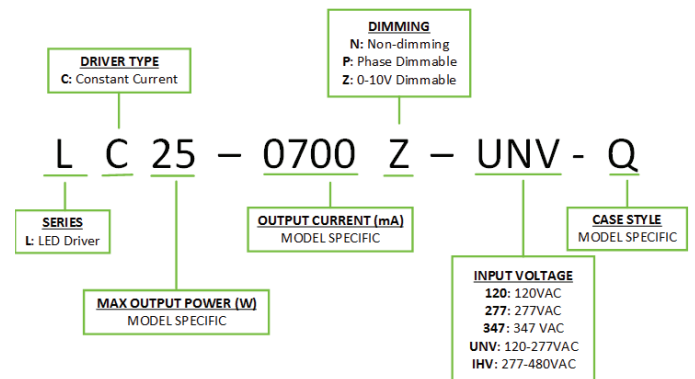
- UL 8750 recognized component
- EN61000-3-2
- EMC: Meets FCC47 CFR Part 15 (Class B) consumer limits
- IP66/IP67 Available



TYPE
HL



PART NUMBER GUIDE



WARRANTY

- 5 year limited warranty

*Features and approvals are model dependent

L-SERIES CONSTANT VOLTAGE LED DRIVERS



Hatch L-Series Constant Voltage LED Driver offering is extensive, covering a wide range of output voltage, output power, case sizes, and input voltages. All drivers are either UL recognized or UL Listed and in most cases are Class 2. Many are available in 'knockout' style housings, with separate wiring compartments for input and output leads. This facilitates on-site wiring by complying with most NEMA and local codes. For more environmentally-challenging applications, many are available in outdoor-rated IP66 or IP67 packaging. Many models are available in the UL Sign Accessories Manual (SAM).

L-SERIES CONSTANT VOLTAGE LED DRIVERS

Case Style	Power	Output Voltage	Input Voltage
A	10W	12, 24VDC	120 VAC
BB	150W	24VDC	120 - 277 VAC
D	24W	12, 24VDC	120, 120 - 277 VAC
F	60W	12, 24VDC	120 - 277VAC
I	60W, 80W, 100W	12, 24VDC	120 - 277, 347 VAC

Case Style	Power	Output Voltage	Input Voltage
L	150W	24VDC	120-277 VAC
NN	192W, 200W	24VDC	120 - 277 VAC
W	40W	24VDC	120 - 277 VAC
4W	4W	12, 16, 24VDC	120 - 277 VAC

TYPICAL PRODUCT FEATURES *

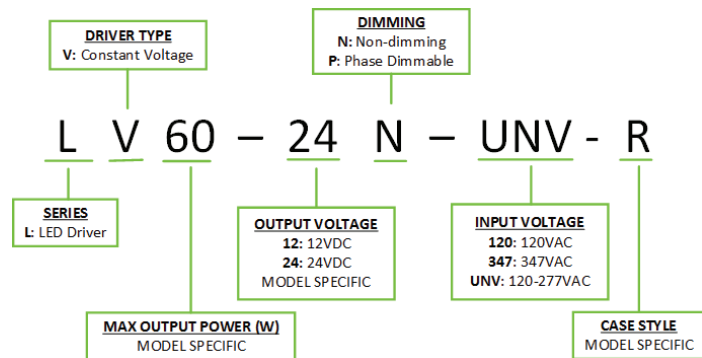
- Short circuit and overload protection
- Withstanding voltage: I/P – O/P 4.0kVDC, 2mA
- Operating temperature range: -40°C to 90°C (measured at Tcase)
- MTBF: 374,000 hours @ 40°C ambient (~70°C case temp)
- Surge voltage rating: L-N 2kV,
- Output voltage tolerance +/- 5% @ 25°C
- Power Factor > 0.9
- THD < 20%
- No Minimum Load

APPROVALS *

- UL 8750 recognized component
- EN61000-3-2
- EMC: Meets FCC47 CFR Part 15 (Class B) consumer limits
- IP66/IP67 Available



PART NUMBER GUIDE



WARRANTY

- 5 year limited warranty

*Features and approvals are model dependent